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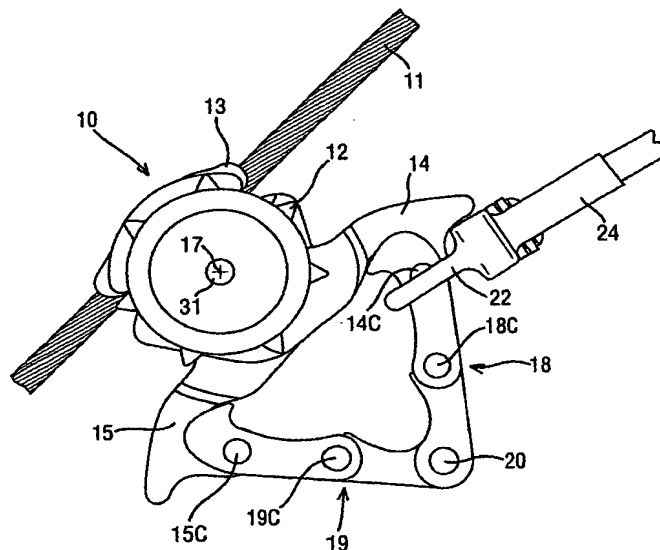
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(54) Title: **TWO-WAY LOCKING DEVICE FOR HEIGHT SAFETY APPARATUS**



(57) Abstract: A fall arrest device for use on an elongate support comprises: chassis means having safety support retaining means to retain an elongate support whilst allowing movement of the device therealong, and including a sliding element for slidably engaging said elongate support; first and second locking cam means for locking the device to the elongate support in a fall arrest situation; first and second link means; and attaching means for attaching personal safety means to the device and transmitting a load from the personal safety device to said link means; in which said first and second locking cam means comprise respective first and second cam elements each arranged for rotation about a respective first axis relative to the chassis and able to move between a first locking position in which the cam element traps the elongate support between itself and the sliding element and a second released

position in which the cam element does not trap the elongate support. The first and second link means each being connected to a respective one of the first and second cam elements for mutual rotation about a respective second axis separated from said first axis, the first and second link means being connected together for mutual rotation about a third axis separated from said first and second axes, and the attaching means being able to move relative to the link means, so that the first and second locking cam means can be moved between their first and second positions by loads applied to the device through the attaching means; in which each of the first and second link means comprises two parts arranged for reversible relative movement in response to an applied load from the attaching means over a predetermined value, the movement being such that a part of the link means intermediate said second and third axes descends relative to said second axis.

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